GOVERNMENT OF INDIA
POWER
LOK SABHA

UNSTARRED QUESTION NO:1478
ANSWERED ON:11.03.2005
CAPTIVE POWER PROJECTS
Nahata Smt. P. Jaya Prada;Singh Shri Rajiv Ranjan (Lalan)

Will the Minister of POWER be pleased to state:

(a) the annual power generation capacity of captive power projects in the country at present, State-wise;

(b) the estimated quantum of power to be generated during the 2005-06 in this sector;

(c) the untapped quantum of power generated in the captive sector;

(d) whether the Government has formulated any scheme to utilize this power which goes unused; and

(e) if so, the details thereof?

Answer

THE MINISTER OF POWER(SHRI P.M. SAYEED)

(a) : As per information available with Central Electricity Authority, state-wise installed generating capacity and generation of the captive power projects (1 MW and above) in the country as on 31.3.2004 is given in the Annexure.

(b) & (c) : The installed capacity of captive power plants as on 31.3.2004 was reported to be 18740.31 MW. Assuming 5% growth during 2004-05 and 2005-06, the estimated installed capacity of captive power plants at the end of 31.3.2006 would be 20600 MW. (The PLF of the captive power plants is around 40% at present).

Similarly, energy generated by captive power plants during 2003-04 was 68173.12 GWh. Assuming 5% growth during 2004-05 & 2005-06, the estimated energy generated by captive power plants during 2005-06 would be 75161 GWh.

However, if all the captive power plants are made to run at 70% PLF, the total energy generated would be 126693 GWh. The untapped quantum of energy available from captive units, which could be sold would be (126693-75161) 51532 GWh i.e. say 50000 GWh.

(d) & (e): Under the Electricity Act, 2003, captive power plants, including group captive, have been freely permitted. The Act provides that any person may construct, maintain or operate a captive generating plant and dedicated transmission lines. Further, under the provisions of the Act, every person, who has constructed a captive generating plant and maintains and operates such plant, shall have the right to open access for the purposes of carrying electricity from his captive generating plant to the destination of his use subject to the availability of transmission capacity.

ANNEXURE

ANNEXURE REFERRED TO IN REPLY TO PART (a) OF THE UNSTARRED QUESTION NO. 1478 TO BE ANSWERED IN THE LOK SABHA ON 11.3.2005.

The Annual Electric Statistics of Captive Generating Plants of capacity 1 MW & above

States/UTs	Total Installed Capacity as on 31.3.2004 (KW)	Generation (GWh) (03-04)	Auxiliaries Consumption (GWh) (03-04)	Net Generation (GWh) (03-04)	Export to Utilities	Energy used in industry out of self gen
Haryana	511314	916.01	33.29	882.72	96.76	785.96
Himachal Pra.	122842	59.05	5.22	53.83	0.00	53.83
Jammu & Kashmir	8560	0.49	0.00	0.49	0.00	0.49
Punjab	326180	755.26	113.45	641.81	20.35	621.46
Rajasthan	687698	3001.47	152.41	2849.06	4.44	2844.62
Uttar Pradesh	1606125	7241.56	721.19	6520.37	83.74	6436.63
Uttaranchal	96510	402.05	32.90	369.15	0.00	369.15
Chandigarh	8533	2.82	0.02	2.80	0.00	2.80
Delhi	1292	1.76	0.07	1.69	0.00	1.69

Sub-Total(NR)	3369054	12380.47	1058.55	11321.92	205.29	11116.63
Gujarat	2556759	11740.16	591.70	11148.46	608.90	10539.56
Madhya Pradesh	834844	2274.57	114.79	2159.78	8.28	2151.30
Chhattisgarh	1020910	3641.74	136.14	3505.61	96.08	3409.52
Maharashtra	1252767	4773.80	157.74	4616.06	130.36	4485.70
Goa	67406	161.58	6.60	154.99	0.00	154.99
Daman & Diu	0	0.00	0.00	0.00	0.00	0.00
D & N Haveli	31172	12.07	0.19	11.88	0.00	11.88
Sub-Total (WR)	5763858	22603.92	1007.16	21596.78	843.62	20752.95
Andhra Pradesh	2056837	7058.45	571.03	6487.42	1961.34	4526.08
Karnataka	1195132	3698.24	282.56	3415.68	285.22	3130.46
Kerala	241830	451.07	19.54	431.53	2.26	429.27
Tamil Nadu	1891562	5432.72	394.79	5037.93	1096.68	3941.25
Pondicherry	45931	50.69	1.98	48.71	0.00	48.71
Lakshadweep	0	0.00	0.00	0.00	0.00	0.00
Sub-Total (SR)	5431292	16691.17	1269.90	15421.27	3345.50	12075.77
Bihar	157091	198.85	20.35	178.47	0.00	178.47
Jharkhand	921391	3904.54	577.24	3327.30	0.00	3327.30
Orissa	1826949	9196.80	1015.79	8181.01	1169.93	7011.08
West Bengal	882212	2098.79	174.46	1924.33	2.60	1921.73
A&N Islands	2664	0.00	0.00	0.00	0.00	0.00
Sikkim	0	0.00	0.00	0.00	0.00	0.00
Sub-Total (ER)	3790307	15398.98	1787.87	13611.11	1172.53	12438.58
Assam	385800	1098.58	85.57	1013.01	0.00	1013.01
Manipur	0	0.00	0.00	0.00	0.00	0.00
Meghalaya	0	0.00	0.00	0.00	0.00	0.00
Nagaland	0	0.00	0.00	0.00	0.00	0.00
Tripura	0	0.00	0.00	0.00	0.00	0.00
Arunachal Pr.	0	0.00	0.00	0.00	0.00	0.00
Mizoram	0	0.00	0.00	0.00	0.00	0.00
Sub-Total (NER)	385800	1098.58	85.57	1013.01	0.00	1013.01
Total	18740311	68173.12	5209.05	62964.09	5566.94	57396.94

(All India)